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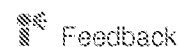
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1 The state of the art in locally distributed Web-server systems
❖ Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu
   June 2002 ACM Computing Surveys (CSUR), Volume 34 Issue 2
   Publisher: ACM
   Full text available: 📄 pdf(1.41 MB)   Additional Information: full citation, abstract, references, cited by, index terms

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      The overall increase in traffic on the World Wide Web is augmenting user-perceived response
      times from popular Web sites, especially in conjunction with special events. System platforms
      that do not replicate information content cannot provide the needed ...

      Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms
      distributed systems, load balancing, routing mechanisms

2 Estimating flow distributions from sampled flow statistics
❖ Nick Duffield, Carsten Lund, Mikkel Thorup
   August 2003 SIGCOMM '03: Proceedings of the 2003 conference on Applications, technologies,
               architectures, and protocols for computer communications
   Publisher: ACM
   Full text available: 📄 pdf(333.29 KB)   Additional Information: full citation, abstract, references, cited by, index terms

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      Passive traffic measurement increasingly employs sampling at the packet level. Many high-end
      routers form flow statistics from a sampled substream of packets. Sampling is necessary in
      order to control the consumption of resources by the measurement operations. ...

      Keywords: IP flows, maximum likelihood estimation, packet sampling

3 Internet indirection infrastructure
❖ Ion Stoica, Daniel Adkins, Shelley Zhuang, Scott Shenker, Sonesh Surana
   October 2002 ACM SIGCOMM Computer Communication Review, Volume 32 Issue 4
   Publisher: ACM
   Full text available: 📄 pdf(303.69 KB)   Additional Information: full citation, abstract, references, cited by, index terms

   Bibliometrics: Downloads (6 Weeks): 12,   Downloads (12 Months): 116,   Citation Count: 63

      Attempts to generalize the Internet's point-to-point communication abstraction to provide
      services like multicast, anycast, and mobility have faced challenging technical problems and
      deployment barriers. To ease the deployment of such services, this ...

      Keywords: abstraction, architecture, indirection, internet, scalable

4   Internet indirection infrastructure
    Ion Stoica, Daniel Adkins, Shelley Zhuang, Scott Shenker, Sonesh Surana
    August 2002 SIGCOMM '02: Proceedings of the 2002 conference on Applications, technologies,
            architectures, and protocols for computer communications
    Publisher: ACM
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        Attempts to generalize the Internet's point-to-point communication abstraction to provide
        services like multicast, anycast, and mobility have faced challenging technical problems and
        deployment barriers. To ease the deployment of such services, this ...

        Keywords: abstraction, architecture, indirection, internet, scalable

5   Hierarchial architecture for real-time adaptive resource management
    Inout Cardei, Rakesh Jha, Mihaela Cardei, Allalaghatta Pavan
    April 2000   Middleware '00: IFIP/ACM International Conference on Distributed systems platforms
    Publisher: Springer-Verlag New York, Inc.
    Full text available: pdf(261.48 KB)   Additional Information: full citation, abstract, references, cited by

    Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 23, Citation Count: 2

        This paper presents the Real Time Adaptive Resource Management system (RTARM [1]),
        developed at the Honeywell Technology Center. RTARM supports provision of integrated services
        for real-time distributed applications and offers management services ...

6   Zero configuration networking
    David Stirling, Firas Al-Ali
    June 2003 Crossroads, Volume 9 Issue 4
    Publisher: ACM
    Full text available: pdf(72.93 KB) htm(28.80 KB) Additional Information: full citation, references, cited by, index
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7   The transport layer: tutorial and survey
    Sami Iren, Paul D. Amer, Phillip T. Conrad
    December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4
    Publisher: ACM
    Full text available: pdf(261.78 KB)   Additional Information: full citation, abstract, references, cited by, index terms

    Bibliometrics: Downloads (6 Weeks): 99, Downloads (12 Months): 427, Citation Count: 2

        Transport layer protocols provide for end-to-end communication between two or more hosts.
        This paper presents a tutorial on transport layer concepts and terminology, and a survey of
        transport layer services and protocols. The transport layer protocol ...

        Keywords: TCP/IP networks, congestion control, flow control, transport protocol, transport
        service

8   Interworking of traders in a distributed computing environment
    Michael J. Katchabaw, Meeta M. Khurana, James W. Hong, Michael A. Bauer
    November 1995 CASCON '95: Proceedings of the 1995 conference of the Centre for Advanced
                Studies on Collaborative research
    Publisher: IBM Press
    Full text available: pdf(117.52 KB)   Additional Information: full citation, abstract, references, index terms

Distributed computing systems are composed of various types of services. Providing a reliable and efficient distributed computing environment largely depends on the effective management of these services. One important aspect of managing services within ...

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